

METHOD AND APPARATUS FOR PROVIDING VARIABLE ATTENUATION
TO DATA SIGNALS IN AN XDSL FREQUENCY RANGE

ABSTRACT OF THE DISCLOSURE

An apparatus, system and method for providing variable attenuation to data signals in an xDSL frequency range are disclosed. An attenuation device has a
5 resistive circuit coupled to a capacitive circuit that prevents telephone signals from being attenuated by the resistive circuit and allows normal operation of telephone services at a subscriber premises.